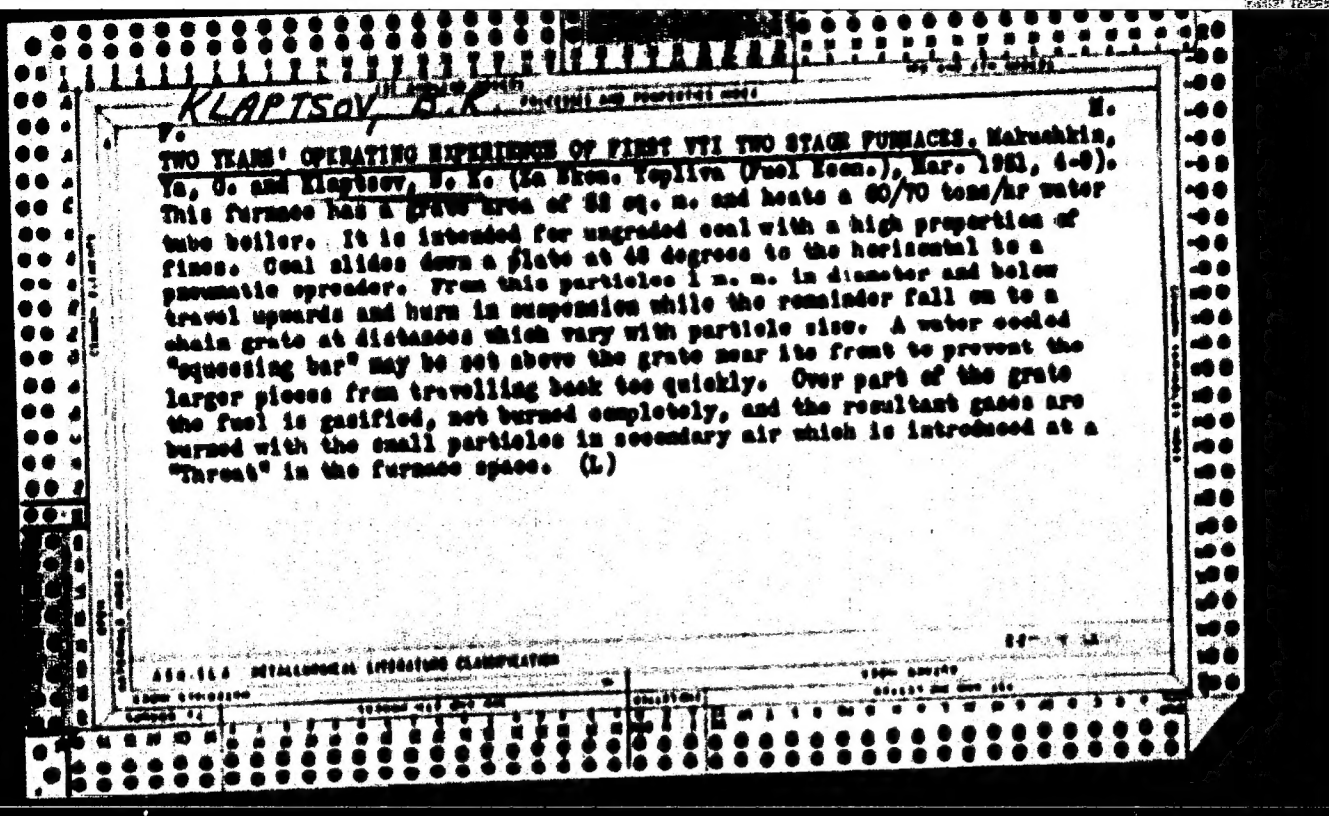


E 32845-66 T JK
 ACC NR: AP6021322 (A) SOURCE CODE: PG/0081/65/019/003/0309/0313
 AUTHOR: Jelliaszewska, J.; Nawrocki, J.; Czarke, J.; Grynshewicz-Siennicka, M.;
 Gorka, A.; Dulinski, J.; Hebenstreit, C.; Kilmek, M.; Klamoczka, K.; Krol, J.;
 Lendertowicz, C.; Mili, A.; Moskwa, J.; Nason, J.; Paulowicz, J.; Radzys, M.; Rymal, J.;
 C.; Pokorska, A.; Rosinska, J.; Siennicki, M.; Sikora, Q.; Szymanski, J.; Turek,
 J.; Wawrzyniak, M.; Wnucz, J.; Zale, A.
 O.G. Institute of Bacteriology, PAN, Warsaw (zaklad Bakteriologii); Regional and
 City Sanitary Epidemiological Centers, Bialystok, Katowice, Kielce, Lublin, Lodz, Olsztyn,
 Poznan, Szczecin, Wroclaw (Wojewodska i Miejska Stacje Sanitarne-Epidemiologiczne);
 Bacteriology Laboratory, No. 3, PZG, Wroclaw (Laboratorium Bakteriologii)
 TITLE: Antibiotic-resistant strains of Streptococcus viridans, Streptococcus Fecalis,
 Escherichia coli, Pseudomonas aeruginosa, Proteus species and Klebsiella species,
 isolated in Poland in 1960-1963
 SOURCE: Przeglad epidemiologiczny, v. 19, no. 3, 1965, 309-313
 TOPIC TAGS: bacteriology, penicillin, streptomycin, tetracycline, erythromycin,
 neomycin
 ABSTRACT: Sensitivity tests of the above strains were carried out in respect to peni-
 cillin, streptomycin, tetracyclines, chloramphenicol, erythromycin and neomycin. It
 was found that resistance to antibiotics in Streptococci differed from that in Gram-
 negative bacilli. Streptococcus fecalis was found highly resistant to penicillin and
 erythromycin. Appreciable resistance to all antibiotics was noted in strains identified
 as Streptococcus viridans. Resistance varied according to samples and territorial dis-
 tribution. Experiments were conducted in 11 centers throughout the country simultane-
 ously; results were compared with those obtained in an identical experimental series in
 a single hospital environment. Orig. art. has: 2 tables. (SPG)
 SUB CODE: 06/ SUMM DATE: none/ ORIG REF: 001/ OTH REF: 001
 Card 1/1

1 31845-66 T JK
 ACC NR. AP6021322 (A) SOURCE CODE: PO/0081/65/019/003/1309/0313 48
 AUTHOR: Jellaszewicz, J.; Nawiasz, J.; Cieszyński, J.; Cyszkiewicz-Siemnicksi, M.;
 Gorska, A.; Dulinski, J.; Nebenstroit, C.; Klimka, M.; Klapowka, A.; Krol, S.;
 Lenartowicz, G.; Luta, A.; Moskwa, J.; Nock, Y.; Pawlowska, I.; Podryca, V.; Parnal, C.;
 C.; Pogorska, A.; Rodzinski, L.; Siemnicki, V.; Sikora, G.; Szymanski, J.; Terech,
 I.; Wawrzyniak, M.; Wencel, J.; Zito, A.
 O.G.: Institute of Bacteriology, PZH, Warsaw (Zaklad Bakteriologii); Regional and
 City Sanitary Epidemiological Centers, Bydgoszcz, Katowice, Kielce, Krakow, Lodz, Opole,
 Poznan, Wroclaw, Wroclaw (Wojewodska i Miejska Stacj Sanitarne-Epidemiologiczne);
 Bacteriologic Laboratory, No. 3, PZH, Wroclaw (Laboratorium Bakteriologiczne)
 TITLE: Antibiotic-resistant strains of Streptococcus viridans, Streptococcus fecalis,
 Escherichia coli, Pseudomonas aeruginosa, Proteus species and Klebsiella species,
 isolated in Poland in 1960-1963
 SOURCE: Przegląd epidemiologiczny, v. 19, no. 3, 1965, 309-313
 TOPIC TAGS: bacteriology, penicillin, streptomycin, tetracycline, erythromycin,
 ricinysin
 ABSTRACT: Sensitivity tests of the above strains were carried out in respect to peni-
 cillin, streptomycin, tetracycline, chloramphenicol, erythromycin and neomycin. It
 was found that resistance to antibiotics in Streptococci differed from that in Gram-
 negative bacilli. Streptococcus fecalis was found highly resistant to penicillin and
 erythromycin. Appreciable resistance to all antibiotics was noted in strains identified
 as Streptococcus viridans. Resistance varied according to samples and territorial dis-
 tribution. Experiments were conducted in 11 centers throughout the country simultane-
 ously; results were compared with those obtained in an identical experimental series in
 a single hospital environment. Orig. art. has: 2 tables. (JPH)
 SUB CODE: 04/ SUM DATE: none/ ORIG REF: 001/ OTN REF: 001
 Card 1/1



KLAPISOVA, A.I.

Dynamics of vascular modification in the site of the excised peritoneum adjacent to the wall in rabbits. Khirurgiia, Moskva no.5:59-64 May 1953.
(GML 25:1)

1. Of the Department of Clinical Anatomy and Operative Surgery (Head -- Prof. B. V. Ognev, Corresponding Member of the Academy of Medical Sciences USSR), Central Institute for the Advanced Training of Physicians.

KLAPTSOVA, A.I., kandidat meditsinskikh nauk.

Location of suprarenal glands. Khirurgiia no.9:76-78 8 '53.

(MLA 6:11)

**1. Is kafedry klinicheskoy anatomii i operativnoy khirurgii (sveduyushchiy - chlen-korrespondent Akademii meditsinskikh nauk SSSR professor N.V.Ognev) Tsentral'nogo instituta usovershenstvovaniya vrachey.
(Suprarenal bodies)**

KLAPTSOVA, A.I., kandidat meditsinskikh nauk

**Dynamics of renal changes following resection of the kidney;
experimental investigation. Urologia no.2:36-41 Ap-Je '55.**

(MLRA 8:10)

**1. Is kafedry klinicheskoy anatomii i operativnoy khirurgii
(sav.--chlen-korrespondent AN SSSR prof. B.V.Ognev) Tsen-
tral'nogo instituta usovershenstvovaniya vrachey.**

(KIDNEY, surgery,

exper., dynamics of postop. changes)

KLAPTSOVA, A.I., kandidat meditsinskikh nauk

Dynamics of changes in the kidney following dissection; experimental investigations. Urologia no.4:37-41 O-D '55. (MLRA 9:12)

1. Iz kafedry klinicheskoy anatomii i operativnoy khirurgii (sav. -
ohlen-korrespondent AMN SSSR prof. B.V.Ognev) Tsentral'nogo instituta
usovershenstvovaniya vrachev
(KIDNEYS, physiology,
eff. of dissection in animals)

KLAPTSOVA, A.I., kandidat meditsinskikh nauk

Dynamics of vascular changes in granulating wounds; experimental research. Khirurgia no.6:44-46 Ja '55. (MLRA 8:10)

1. Is kafedry klinicheskoy anatomii i operativnoy khirurgii (sav.-chlen-korrespondent AN SSSR prof. B.V.Ognev) Tsentral'nogo instituta usovershenstvovaniya vrachev.

(WOUNDS AND INJURIES, exper.

healing, causing vasc.changes)

(BLOOD VESSELS,

in healing of exper.wds.)

KLAPTSOVA, A.I., kandidat meditsinskikh nauk

Abnormal development of the superior vena cava and of the aorta
in man. Khirurgiia 32 no.12:74-76 D '56. (MLA 10:2)

1. Is kafedry klinicheskoy anatomii i operativnoy khirurgii
Tsentral'nogo instituta usovershenstvovaniya vrachey (sav. - chlen-
korrespondent ANU SSSR prof. B.V.Ognev)

(VENAE CAVAE, abnorm.

double of superior vena cava)

(AORTA, abnorm.

abnormally long)

KLAPTSOVA, A.I., kand.med.nauk

**Effect of transplanted perirenal fat, omentum, and muscle on an
operated kidney; experimental studies. Urologia 22 no.4:29-35
Jl-Ag '57. (MIRA 10:10)**

**1. Is kafedry klinicheskoy anatomii i operativnoy khirurgii (sav. -
chlen-korrespondent AMN SSSR prof. B.V.Ognev) Tsentral'nogo instituta
usovershenstvovaniya vrachey.**

(TRANSPLANTATION, experimental,

perirenal fat, omentum & musc., eff. on operated kidney)

(KIDNEYS, surgery,

exper. implants of perirenal fat, omentum & musc. (Rus))

KLAPTSOVA, A.I., Doc Med Sci -- (diss) "Experimental ^{substitution} ~~base~~
~~for~~ kidney resection." Mos, 1959, 21 pp (Min of Health
USSR. Central Inst for the Advanced Training of Physicians)
200 copies (KL, 34-59, 116)

KLAPTSOVA, A.I., kand.med.nauk

Effect of a hemostatic sponge on a surgical wound of the kidney;
experimental study. Urologiya 24 no.3:25-29 My-Je '59. (MIRA 12:12)

1. Iz kafedry klinicheskoy anatomii i operativnoy khirurgii (sav. -
chlen-korrespondent AMN SSSR prof. B.V. Ognev) Tsentral'nogo instituta
usovershenstvovaniya vrachey.

(KIDNEYS, surg.

eff. of hemostatic sponge on surg. wound in animals
(Rus))

(HEMOSTATICS, eff.

hemostatic sponge on renal surg. wound in animals
(Rus))

KLAPTSOVA, A.I. (Moskva, Mashorev per., d.4/6, kv.27)

Free area in the chest cavity following removal of the lung. Grad.
khir. 3 no.1:106-109 Ja-F '61. (MIRA 16'5)

1. Is kafedra klinicheskoy anatomii i operativnoy khirurgii (sav.-
pfilen-korrespondent AMN SSSR prof. V.Ognev) Tsentral'nogo instituta
usovershenstvovaniya vrachev!

(LUNGS--SURGERY)

KLAPIKOVA, A.I., doktor med.nauk

Resection of the median section of the kidney; experimental study. Urologia 27 no.4:10-13 Jl-Ag '62. (MIRA

1. Is kafedry klinicheskoy anatomii i operativnoy khirurgii (sav. - chlen-korrespondent AKN SSSR prof. B.V. Ognev) Tsentral'nogo instituta usovershenstvovaniya vrachey. (KIDNEY--SURGERY)

KLAPTSOVA, N. K.

Klaptsova, N. K. "Bacteriosis of Coriander," Vestnik Sal'skokhosisiaistvennoi
Nauki, Tekhnicheskii Kul'tury, no. 2, 1940, pp. 93-97. 77.8 V63

SO: SIRA S. 19-53, 15 DEC 1953

KLAPTSOVA, N.K.
Apphied Mycology

1 *KLAPTSOVA (Miss N. K.).* Hooch oosted nanywenn nymtype rannennore
[pala usilago (paa.) reat. (A new method of obtaining cultures of hoo
oost, *Ustilago tritici* (Pers.) Reat.).—Eor. myxa. (J. Bd. U.S.S.R.), 33, 6,
pp. 513-515, 1951.

Investigations were carried out at the Pan-Soviet Institute for Plant Protection,
Leningrad, into the culture of *Ustilago tritici* (*U. tritici*: R.A.M., 37, p. 12) from
wheat. The spores are noted for their slow germination under artificial conditions
(*Ibid.*, 4, p. 321). Since they grew on the flowering wheat-ear in the fields, spores
were sown in water extracts prepared from green spring ears on the point of flower-
ing. They produced groups of vigorous promycelia, while those sown in tap water
developed single tubes only. Single spores were considerably weaker than groups
clustered together. When drops of spore suspension were placed on slopes of
potato glucose agar made with the extract and kept at 25° to 28° C., long promy-
celia developed in two days, and after six to ten days the vigorous mycelium
fragmented into shorter, curved portions. When the surface of the agar was
covered by a thin white coating of mycelium this disintegration was pronounced

and marked the beginning of chlamydospore formation (*Ibid.*, 5, p. 122), accom-
panied by a change in colour from white to brown.

POLYAKOV, I. M.; LYUBOSHITS, I. L.; KLAPTSOVA, N. K.

New method for drying grain in controlling loose smuts. Zashch.
rast. ot vred. i bel. 5 no.6:16-18 Je '60,
(MIRA 16:1)

(Seeds—Disinfection) (Smuts)

KLAPTSOVA, N.K.

Morphological variations of the mycelium of *Ustilago tritici* Pers.,
causative agent of wheat smut. Bot. zhur. 48 no.2:262-263 P '63.
(MIRA 1614)

1. Vsesoyunnyy nauchno-issledovatel'skiy institut zashchity rasteniy,
Leningrad.
(Smuts) (Wheat—Diseases and pests)

KLAPTSOVA, N.K.

Use of sineb in controlling the bacterial blight of cotton.
Trudy VIZR no.20 pt.1:10-11 '64. (MIRA 18:10)

ONOMARENKO, L.I., sanitarnyy vrach; MEL'NIK, O.T., inzh.; KLAPTSOVA, Ye.N.,
sanitarnyy vrach; ZNACHKO, A.M., khimik

Problem of "relatively clean" sewage of sugar mills. Oig.1 san.
26 no.12:66-68 D '61. (MIRA 15:9)

1. Iz Krasnodarskoy krayevoy sanitarno-epidemiologicheskoy
stantsii i Gosudarstvennogo tresta po vyrashchivaniyu sakharnoy
svekly Krasnodarskogo soveta narodnogo khozyaystva.
(SUGAR INDUSTRY--HYGIENIC ASPECTS) (KUBAN--WATER--POLLUTION)

KIAPUT, A,

Many letters have been exchanged, but there is no building for livestock, p. 7.
(POLNIK SPOLDZIELCA, Warszawa, Vol. 8, no. 8, Feb. 1955.)

SO: Monthly List of East European Accessions, (KEAL), LC; Vol. 4, No. 4, Jan. 1955,
Uncl.

KLAR, G. V.: Master Agric Sci (diss) -- "The structure and physicomachanical properties of aspen wood and its connection with growth conditions". Voronezh, 1958. 17 pp (Min Agric USSR, Voronezh Forestry Engineering Inst), 150 copies (KL, No 6, 1959, 138)

KLAR, G.V.; SOSNIN, M.I.

Wood particle boards of increased strength in the direction of chip
orientation. Trudy Inst. less i drev. 65:91-94 '63. (MIRA 16:10)

KLAR, G.V.; KYTMANOV, A.V.; PETROVA, O.A.

Structure and characteristics of biaxially compressed wood. Trudy
Inst. lesa i drev. 65:83-90 '63. (MIRA 16:10)

KLAR, G.V., CSc.; STOPKO, Jan, inz.

Combined particle boards with higher strength. Drevo 20 no.1:5-7,
18 Ja '65.

1. Forest and Wood Institute of the Siberian Department of the
Academy of Sciences of the U.S.S.R., Krasnoyarsk. (for Klar). 2.
- State Research Institute of Wood, Bratislava (for Stopko).

KLAR, Gvido, ina.

The new dynamometer LL-57. Nafta Jug 13 no.4/5:75-78 Ap-Hy '62.

1. Proizvodnja nafte, Lendava.

KLAR, J.

"Some Methods of Revising Translations of Soviet Words in Technical Science", p. 721 (MAGYAR TECHNIKA, Vol. 8, no. 12, Dec. 1953, Budapest, Hungary).

Source: Monthly List of East European Accessions, LC, Vol. 3, no. 5 May 1954/Uncl.

KLAR, JANOS.

TECHNOLOGY

Muszaki tudományos terminológiánk alakulása és fejlesztésének főbb kérdései
Klar Janos Kovalovszky Miklos. Budapest, Muszaki és Természettudományi Egyesületek
Szövetsége, Nyelvművelő és Fordítói Szakosztály, 1955. 84 p.

Monthly List of East European Assessments (EEAI), LC, Vol. 8, No. 3,
March 1959. Unclass.

KLah, J.

Certain evaluation aspects of comparative economic calculations in the use of various energy carriers.

F. 189 (PERIODICA POLYTECHNICA. ELECTRICAL ENGINEERING) Vol. 1, no. 2, 1957
in German, Budapest, Hungary

SC: Monthly Index of East European Accessions (SEAL) LC, Vol. 7, no. 3
March 1958

KLAR, J., F. Prof. of economics, Dr. (Budapest, XI., Magyarok Rakpart 3.)

Crisis or prosperity cycles; a criticism of the bourgeois general
dynamic theory of prosperity vacillations. Periodica polytechn electr
3 no.3:275-319 '59.
(Economics) (EEAI 10:1)

KLAR, Ya. [Klar, J.]

Economic effectiveness of scientific investigation in industry.
Periodica polytechn electr-3 no.4:357-369 '99. (EPAI 10:1)
(Industrial management)

KLAR, J., Professor of Economics

The use of the categories and dynamic elements of research requirements.
Periodica polytech eng & no.2:179-192 '60. (EEAI 10:4)
(Research) (Economic conditions)

KLAR, J., Prof. of economics (Budapest)

Some questions of effectiveness in applied research and development
work; a qualitative analysis. Periodica polytechnica 4 no.3:
243-259 '60.

(EEAI 10:5)

(Research)

(United Nations Educational, Scientific and Cultural Organisation)

KLAR, J., Prof. of Economics (Budapest XI., Magyarország rakpart 3)

An examination of the use of quantitative methods in the economic
direction of industrial research, I, Periodica polytechnica 5 no.1:
53-62 '61.

KLAR, J., professor of economics (Budapest XI., Magyarország rakpart 3.)

An examination of the use of quantitative methods in the economic
direction of industrial research. II. Periodica polytechnica 5
no.2:187-196 '61.

KLAR, J. (Budapest)

"Advertisement" by Istvan Varga. Reviewed by J. Klar. Periodica
polytechnica electr 5 no.2:195-196 '61.

1. Executive editor, "Periodica polytechnica; Electrical Engineering".

KLAR, J., Full professor of economics (Budapest II., Hungary part 3)

An examination of the use of quantitative methods in the economic direction of industrial research. Part III. Periodica polytechnica 5 no.3:267-274 '61.

1. Executive editor, "Periodica Polytechnica; Chemical Engineering".

KIAR, J., prof. a. D. Dr. (Budapest, II., Magyarország rakpart 3)

Use of resources and technical development. Pt. 2. Periodica
Polytechnica 6 no.4:233-242 '62.

1. Schriftleiter, "Periodica Polytechnica-Chemical Engineering."

KLAR, J.

"Industrial research and development" by [Dr] D. Gy. Szekesits.
Reviewed by J. Klar. Periodica polytechn electr 7 no.1:108-
109 '63.

1. Schriftleiter, "Periodica Polytechnica; Electrical
Engineering."

KLAR, Janos, prof. dr. (Budapest, XI., Muegyetem rakpart 3)

Mathematical methods and economics. Periodica polytechnica chem
8 no.3:229-235 '64.

1. Technische Universitat, Budapest. Submitted May 20, 1964.

KLAR, Jan; LASKOWSKI, Janusz

Salt flotation of sulfur ore from Tarnobrzeg. Gornictwo Gliwice
no.9:21-31 '64.

EXCERPTA MEDICA Sec 13 Vol 13/6 Dermatology June 59

1510. DERMATOMYOSITIS AND SCLERODERMATOMYOSITIS ASSOCIATED
WITH CANCER - Dermatomyositis és sclerodermatomyositis haladás
tekintettel a daganatos szindrómára - Antal H., Kárá T. and Lajcs H.
Orvostud. Egyet. Kórházai Intézet., Bórház, Kórh., Debrecen - MAG.
ONKOL. 1958, 11/2 (88-93) Tables 4

In 2 patients suffering from cancer of the stomach, dermatomyositis and sclero-
dermatomyositis, respectively, developed. These cases favour the assumption that
dermatomyositis and sclerodermatomyositis may be induced by a tumour or its de-
composition products. Dermatomyositis may turn from a scleroderma-like stage
to sclerodermatomyositis.
(V. 8, 13, 18)

KLARA, W.; POCHY, S.; ZALACHOWSKI, W.

Up-to-date technique of perforating oil wells. Wlad naft 7 no.10:
217-222 '61.

V 4.1.1.1.1

District 4F1/4E26

Steel selection for centrifugal casting molds and hot tools
 1. Hardening Metals 12 17 20 1944. The hardness of steel is determined upon hot hardness for a given quantity of steel marked. In alloy steel the hot hardness of C steel with more than 0.41-0.57% C is not attained. Above this crit. C content, the following order of decreasing hardness is obtained: C steel, Cr-Mn-V steel, Cr-V steel, Cr-Mn steel, Cr-Ni steel, Cr-Mn steel. In C steel hot hardness is above 0.16-0.18% especially with quenched steel. It is unfavorably influenced by the presence of alloying elements. The required strength can be made in the case of steel. Melting the steel to give a fine grained structure with min. Al content of 0.012% is recommended. The Al content should be uniformly distributed in the steel. The steel should be melted in a vacuum or in an atmosphere as to give a good grain structure and no segregation.

10 17

GREBE, A., doktor nauk; REYNISH, G., doktor nauk; TSIMERMAN, G., doktor nauk;
GREBE, F., doktor nauk; UL'BRIKHT, I., doktor nauk; SHIFFNER, R.,
doktor nauk; FILIPP, B., doktor nauk; RUSHER, Kh., doktor nauk;
GASPERSON, G., doktor nauk; KLARE, G., doktor nauk; YAKOPYAN, V.

Search and solutions; important research of the German Democratic
Republic chemists. Priroda 54 no.6:83-88 Je '65.

(MIRA 18:6)

1. Institut iss'cheniya volokna Germanskoy Akademii nauk v Berlino,
g. Tel'tov, Germanskaya Demokraticeskaya Respublika.

KLARE, H.

AUTHORS: None Given

01/8/52(62)/20-39/79

TITLE: Book Reviews (Reviews)

PERIODICAL: Chemical Listy, 1956, Nr 10, Vol 52(62), pp2022-2027
(Czechoslovakia)

ABSTRACT: The following books are reviewed:

P. W. Selwood: Magnetochemistry. 2nd Ed. Interscience
Publishers, Inc., New York - London, 1956.

Reviewed by H. Eichel.

J. Kline and L. Jirka: Fundamentals of Technical
Polarography. SWT, Prague, 1957.

Reviewed by H. Spilchka.

K. Samdora: Conductometry. Nakladatelství, Czech Ac.Sc.,
Prague, 1957.

Reviewed by L. Batoušek.

V. Veselý: Liquid Fuel. SWT, Prague, 1956.

Reviewed by L. Batoušek.

H. Klare: Synthetic Polyamide Fibres. SWT, Prague, 1957.
(Czech Translation)

Reviewed by H. Eichel.

Card 1/1

KLARE, G.[Klare, H.]; GREBE, A.[Grobe, A.]; MARON, R.; MANN, G.;
YAOST, Kh.[Jost, H.]; KASPERSON, G.[Casperson, G.]

Formation of fiber from modified and nonmodified viscose in
precipitation baths containing zinc sulfate. 16th Report on
the formation mechanism of viscose monofilaments. Khim. volok.
no.6:14-21 '62. (MIRA 16:1)

1. Nauchno-issledovatel'skiy institut khimicheskikh volokon
AN, Berlin, Teltov-Zeyekhev, Germanskaya Demokraticeskaya
Respublika.

(Viscose) (Textile fibers, Synthetic)

KLARIC, K.

"The sea as the airports and tracks of Dalmatia;" how to develop gyrogliding. (p. 4)

"Sports aviation in recently liberated areas." (p. 4)

"Cooperation among modelmakers of Central European countries." (p. 4)

Vol. 3, no 44, Aug. 1953

SO: East European Accessions List, Vol 3, no 8, Aug 1954

KLARIC, K.

"Urging more care for hydrogliding." p. 3. (Aero Svet. vol. 3, no. 49, Oct. 1953. Beograd.)

SO: Monthly List of East European Accessions, Vol. 3, no. 6, Library of Congress, June 1954.
Uncl.

KIARIC, M.

The trigonometric leveling rod in a polygonal network. p. 6.
(GEODETSKI LIST, Vol. 11, no. 1/2, Jan./Feb. 1957., Yugoslavia.)

SO: Monthly List of East European Accessions (REAL) LC, Vol. 6, no. 7, July 1957. Uncl.

KIARIC, Nikola, ins. (Sisak)

Experimental industrial melting of limonitized lime stone
in blast furnaces. Tehnika Jug 17 no.4:691-692a Ap '62.

1. Sef proizvodnje V.P. Željezare Sisak, Sisak.

KUZ'MIN, A.D., ~~KLARK, B.C.~~ [Clark, B.C.]

Measuring the polarization and brightness temperature distribution
of Venus at a wavelength of 10.6 cm. Astron. zhur. 42 no.3:595-617
My-Je '65. (MIRA 18:5)

1. Fizicheskiy institut im. P.N.Lobedeva AN SSSR i Radioastronomi-
cheskaya observatoriya Owens Valley Kaliforniyskogo tekhnologi-
cheskogo instituta, SSHA.

KLARK, G. B.

"Irreversible Electrode Potentials of Metals," Dokl. AN SSSR, 30, No.9, 1941
Lab. Physics of Metals, All-Union Inst. of Aircraft Materials

KLARK, O. B.

"Electrode Potentials of Typical Stainless Steels," Dokl. AN SSSR, 42, No. 2,
1943

All-Union Inst. Aircraft Materials

KLARK, O. B.

"The Electrode Potentials of Solid Solutions," Iz. Ak. Nauk SSSR, Otdel.
Khim. Nauk, No.1, 1944

Lab. Physics of Metals, All-Union Inst. Aviation Materials

KLARK, O. B.

"Anomalous Cases of Electrode Potentials of Solid Solutions," Dokl. AN SSSR,
43, No.7, 1944

All-Union Inst. Aircraft Materials

KLARK, G. B.

"The Electrochemical Behavior of Stainless Steels. III. The Change in the Electrode Potentials of Stainless Steels After Abrasion Under Solution," Dokl. AN SSSR, 45, No.9, 1944

All-Union Sci. Res. Inst. Aviation Materials

KLARK, G. B.

PA 38T15

USSR/Electricity
Resistance, Electrical
Electrodes - Polarization

Nov 1947

"Electrical Resistance of a Polarized Electrode," G. V. Akirov, Corresponding Member of the Academy of Sciences of the USSR, G. B. Klark, Laboratory for Study of Corrosion of Alloys, Physical Chemistry Institute, Academy of Sciences of the USSR, 4 pp

"Dok Ak Nauk" Vol LVIII, No 5

Discusses a new equation derived for electrical resistance in polarized electrodes. This formula takes the following form:

$$j = \frac{C_k^0 - C_A^0}{w \sqrt{D_k} \sqrt{PA}}$$

Authors describe experiments which lead to the determination of this equation. Academician A. N. Frumkin aided greatly in the experiments. Submitted, 3 Sep 1947.

PA 38T15

KLARK, G. B.

Electrolysis

Doc 47

Electrodes - Polarized

"Multielectrode Partially Polarized Systems. Systems of Electrodes Connected as a 'Star'," I. A. Levin, Corr "em, Acad Sci, G. V. Akimov, G. B. Klark, Lab of Corrosion of Alloys, Inst Phys Chem, Acad Sci USSR, 4 pp

"Dok Akad Nauk SSR, Nova Ser" Vol LXIII, No 7

From earlier work, it is possible to solve problems referring to multielectrode systems, which are almost completely polarized, in which ohmic resistance can be disregarded. The more general case, which demands calculation of both the polarization and ohmic resistance, has not been solved. Present work gives solution of problem for a system of electrodes connected in a star form.

PA 60T15

KLARK, G. S. and AKENOV, G. V.

"Multielectrode Partially Transpolarized Systems; Investigation of the Anodic and Cathodic Polarization of Binary Electrochemical Systems," Dokl AN SSSR, Moscow, Vol. LVIII No. 8, 1947.

KLARK, O. B.

"Multielectron Systems Which are Partially Polarized," Dokl. AN SSSR, 59, No.1, 1948

KLARK, C. B.

**USNR/Electrolytic
Electrodes - Polarization
Polarization**

Doc 48

"Polyelectrode Partially Overpolarized Systems:

**System With Three Electrodes in Series," I. A. Levin,
C. B. Klark, C. G. V. Minsky, "Elect. Eng., Acad. Sci. USSR,
Sov. USSR, Inst. of Physiology, Acad. Sci. USSR,
4 pg**

IN 45/49728
"Doc At Kank USSR" Vol XIII, No 4, p. 399-402-

**three solution for simplest case (three-electrode) of
a system of electrodes in series. Initial potential
is greater on the first than on the second, and greater
on the second than on the third. Knowing polarization
45/49728**

USNR/Electrolytic (Contd)

Doc 48

**curves of all electrodes and ohmic resistance be-
tween electrodes, attempts to determine what polarity
will be at second electrode, and current loads at
which electrodes will operate. Submitted 6 Oct 48.**

45/49728

KLARK, G. B.; AKIMOV, O.V.

Protective Coatings

Device for determining electric properties of protective layers on metals. Trudy Inst.
fiz. khim. AN SSSR no. 3: 1951

Monthly List of Russian Accessions, Library of Congress, May 1952, UNCLASSIFIED

Clark, G.B.

KOSHELEV, Grigoriy Grigor'yevich; ~~KLARK, Galina Artyomovna~~; UDAL'TSOV, A.N.,
glavnyy red.; SHENYDOR, A.V., kand.tekhn.nauk, red.

[Practices of protecting marine installations of the petroleum
industry from corrosion by means of protective devices] Opyt
sushchity morskikh neftepromyslorykh sooruzhenii ot korrosii
s pomoshch'iu protektorov. Moskva, In-t tekhnikoOekon.inform.,
1956. 21 p. (Informatsiia o nauchno-issledovatel'skikh rabotakh,
Tom 23, no.1-56-140) (MIRA 11:2)

(Corrosion and anticorrosives)

(Petroleum industry--Equipment and supplies)

The Study of the Behavior of Products of the

with a view to the study of the behavior of products of the
which that of the duck, perched, appeared from beneath with it at
on several sides. The respective film, however, was not of the same and
was not of the same type as the other.

KLARK, O.B.; MIKHAYLOVSKAYA, M.I.; MIKHAYLOVSKIY, Yu.N.; TOMASHOV, N.D.

Electrochemical method of investigating the atmospheric
corrosion of metals. Trudy Inst.fiz.khim. no.7:11-21 '59..
(Electrochemical analysis)
(Corrosion and anticorrosives--Testing)

CLARK, C.B.

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8/081/60/000/023/012/021
A005/A001

Translation from: Referativnyy zhurnal, Khimiya, 1960, No. 23, p. 541, # 94705

AUTHORS: Klark, O.B., Mikhaylovskaya, M.I.

TITLE: The Application of the Capacitance Method to Investigating the Varnish and Paint Coatings on Metals in Electrolytes

PERIODICAL: Tr. In-ta fiz. khimii. AN SSSR, 1959, No. 7, pp. 145 - 154

TEXT: The present methods of investigating the insulation properties of varnish and paint coatings on metals are considered. A theoretical substantiation is presented of the possibility to use the capacitance method of estimating varnish and paint coatings for the investigation of decay process of insulation films on metal surfaces under the action of an electrolyte. It is shown that in so far as the magnitude of capacitance C of an insulated specimen in the electrolyte is determined by the summary area of the uncoated metal, and the magnitude of resistance R of the specimen is connected with the total area of cross sections of the through pores in the insulation, the time variation of these magnitudes can characterize, to a sufficient approximation, the decay of the insulating coating under the

Card 1/2

3/081/60/000/023/021/021
A005/A001

The Application of the Capacitance Method to Investigating the Varnish and Paint Coatings on Metals in Electrolytes

electrolyte action. An increase of RC during the testing process because of the marked variation of C at constant R is explained by the leakage of the electrolyte through the metal - insulation interface. The time till the beginning of the RC variation serves as indicator of the adhesion properties of the coating on the given metal. The method proposed can be used for estimating the quality and stability of varnish and paint coatings in various corrosion media. ✓

G. Tseytlin

Translator's note: This is the full translation of the original Russian abstract.

Card 2/2

GERLIVANOV, G.L., insh.; KLARK, G.B., insh.; RYANYKH, V.M., insh.

Making chip-cement slabs using local raw materials. Suggested by G.L.Gerlivanov, G.B.Klark, V.M.Riabykh, Rats.
1 inobr.predl.v stroi. no.11:56-57 '59. (MIRA 13:3)

1. Upravleniye shilishohnogo stroitel'stva pravogo beraga
Bratskoy gidroelektricheskoy stantsii Ministerstva elektro-
stantsiy SSSR.
(Building materials)

ELABORATE

[illegible]

3/137/61/000/010/043/056
A006/A101

AUTHORS: Berukhtis, G.K., Klark, G.B.

TITLE: Methods of investigating atmospheric corrosion at corrosion stations

PERIODICAL: Referativnyy zhurnal. Metallurgiya, no. 10, 1961, 43, abstract
101307 ("Tr. In-ta fiz. khimii AN SSSR", 1960, no. 8; 41 - 55) ..

TEXT: A-description is given of the equipment used for studying corrosion at various corrosion stations. Photographs are presented of stands, an atmospheric booth, and a number of specimens in the form of strip and wire for corrosion tests. The investigation of atmospheric corrosion was carried out parallel with meteorological observations and an analysis of the air at corrosion stations. Problems are discussed which are connected with the selection of the shape, dimensions and number of specimens; the manufacture of specimens, the application and quality control of coatings, and the arrangement of the specimens on the stands. The corrosion resistance of metals of galvanic and other coatings is evaluated from changes in the appearance of the specimens, their weight, mechanical and electric properties, and the depth of the corrosion attack on the metal

Card 1/2

MIKHAYLOVSKAYA, M.I.; YAKOVLEVA, Ye.A.; KLARK, G.B.

Chemical analysis of the air for the content of corrosive components.
Trudy Inst.fis.khim. 8:56-68 '60. (MIRA 14:4)

(Air--Analysis)

(Corrosion and anticorrosives)

KOSHELEV, G.O.; KLARK, G.B.

Corrosion resistance of carbon and low-alloy steels in various
climatic regions of the U.S.S.R. Trudy Inst.fis,khim. 8:84-99
160. (MIRA 14:4)

(Steel--Corrosion)
(Corrosion and anticorrosives--Climatic factors)

KLARK, G.B.; GOPIUS, A.Ye.; SMIRNOVA, Yu.A.

Effect of climatic conditions on the corrosion cracking of brass.
Trudy Inst.fis.khim. 8,110-129 '60. (MIRA 14:4)

(Brass—Corrosion) (Corrosion and anticorrosives—Climatic factors)

AKIMOV, G.V. [deceased]; KLARK, G.D.; KOSHELEV, G.O.

Corrosion of metal construction elements in contact with other building materials. Prom. stroi. 39 no. 2:49-53 '61.

(MIRA 14:2)

(Steel, Structural—Corrosion)

KLARK, O.B.; KOSHELEV, O.O.; BERUKSHITS, O.K.

Corrosion of metals in contact with building materials. Prom.
stroil. 40 (i.e. 41) no.6:27-31 Je '63. (MIRA 16:10)

1. Institut fizicheskoy khimii AN SSSR.

MAYEVSKIY, Aleksandr Yevgen'yevich; KORENOVSKIY, Grigoriy
Grigor'yevich; EDEL'SON, Aleksandr Markovich; KLARK,
G.B., kand. tekhn. nauk, nauchn. red.; PEREVALYUK,
E.V., red.

[Anticorrosive protection of steel joints in large-panel
construction] Antikorroziinnaya zashchita stal'nykh so-
edinenii v krupnopanel'nom stroitel'stve. Moskva, 1964.
171 s. (MIRA 17:11)

1. Otdel korrozii Instituta fizicheskoy khimii AN SSSR
(for Klark).

L 28340-66 ENT(m)/ENT(a)/MTI TJP(a) JN/JO/WB/XD

ACC NR: AT6013807

(H)

SOURCE CODE: UR/0000/65/000/000/0332/0350

AUTHOR: Berukshtis, G. K.; Klark, G. B.

ORG: none

TITLE: Atmospheric corrosion of steel, zinc, cadmium, copper and aluminum in various littoral and continental regions

SOURCE: Korrosiya metallov i sployov (Corrosion of metals and alloys), no. 2 Moscow, Izd-vo Metallurgiya, 1965, 332-350

TOPIC TAGS: corrosion, atmospheric contamination, steel, zinc, copper, cadmium, aluminum, geographic survey

ABSTRACT: No general theory for the scientific prediction of the rate of atmospheric corrosion of various metals for any arbitrarily taken climatic region has so far been evolved. In this connection, the authors attempted to refine the formula for the mathematical dependence of the rate of this corrosion on external conditions, first derived by N. D. Tomashov and G. K. Berukshtis (Issledovaniya po korrozii metallov. Trudy IFKh AN SSSR, vyp. VIII, 1960, 6, 69), so as to take into account the effect of corrosion products, rainfall precipitation (wetting of surface) and the contamination

Card 1/3

L 28540-66

ACC NR: AT6013807

of air by SO_2 . Specimens of steel, Cu, Zn, Cd and Al were exposed to open air as well as kept in atmospheric booths under conditions simulating storage in unheated warehouses, in various regions of the USSR. Corrosion rate was determined by weighing the specimens before and after the tests over various periods of time (seasons, 1 year, 2 years, 3 years, 4 years, 5 years), and this was combined with regular meteorological observations (hours of fog and sunshine per year, etc.). The products forming at metal surfaces were analysed for their content of SO_4^{2-} and Cl^- ions and the duration of the wetting of metal (precipitation in hours per year) was recorded. Findings: the corrosion rate of all the five metals may vary markedly depending on environmental factors; thus, for Moscow (industrial district), with its SO_2 -polluted atmosphere, as compared with Zvenigorod (rural district), this rate is 1.5 times as high for steel and Cu, 3 times as high for Zn and Al, and 5 times as high for Cd. Thus, SO_2 is a specific aggressor for nonferrous metals and particularly for Cd. For the Baltic Maritime Region, where the amount of chlorides is 40 times as high as in Zvenigorod (rural district), the corrosion rate of Al and Cu is 22 and 3.7 times, respectively, as high as in Zvenigorod, while for steel, Zn and Cd it is either slightly higher or constant, which indicates that chlorides are specific aggressors for such metals as Al and Cu. In atmospheric booths this corrosion rate is 1-4 times higher for all the 5 metals (except Al, for which it is the same) than in open air. It is shown that it is fundamentally possible to make scientifically

Card 2/3

L 28540-66

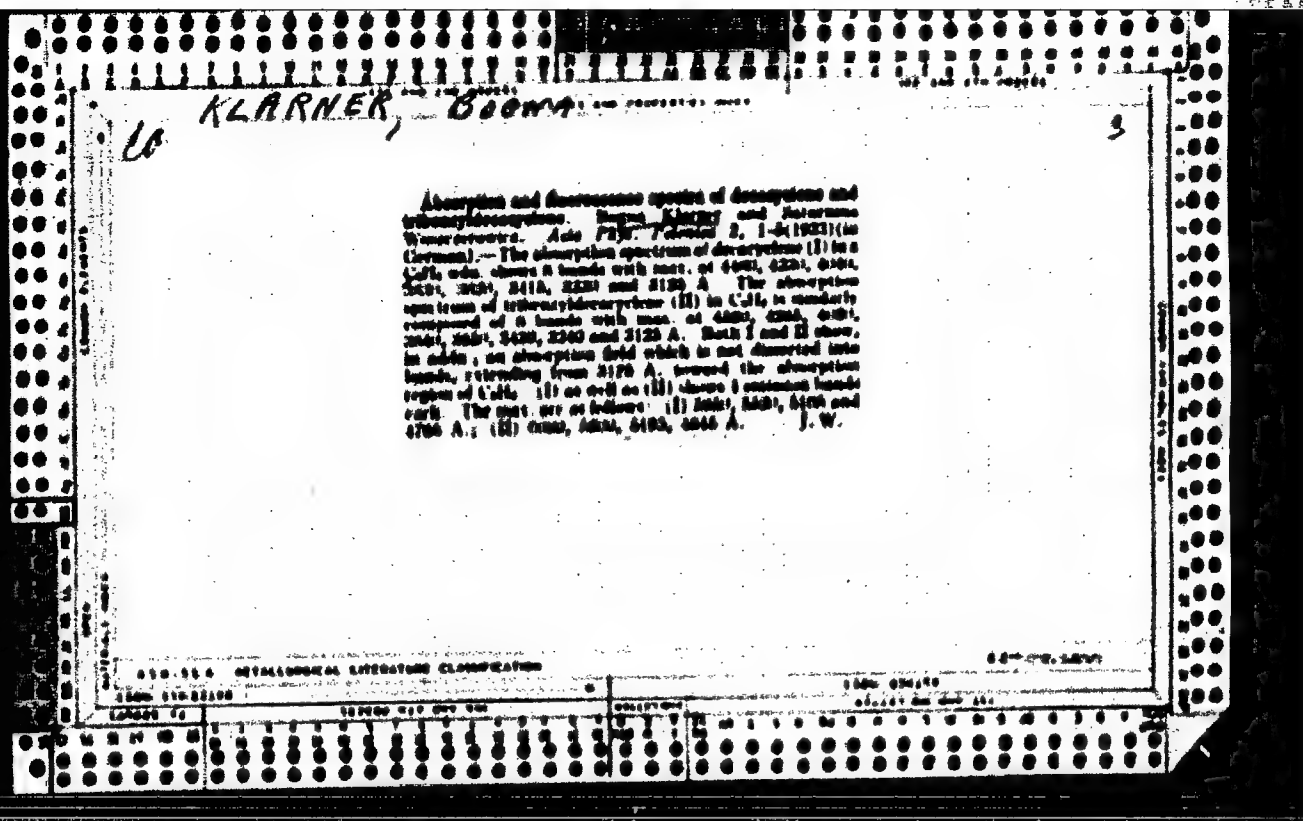
ACC NR: AT6013807

substantiated predictions of the rate of metal corrosion. The findings can be utilized by designers to develop protective coatings for parts of devices and equipment, and will be utilized by the authors themselves to refine the coefficients of conversion of the results of accelerated tests to normal operating conditions.

Orig. art. has: 7 figures, 7 tables

SUB CODE: 13, 04, 07, 11, 20/ SUM DATE: 19Jul65/ ORIG REF: 006/ OTH REF: 003

Card 3/3



POLAND/Physical Chemistry. Radiation Chemistry. Photo-chemistry. Theory of Photographic Processes.

D

Abs Jour: Ref Zhur-Khin., No 1, 1959, 340.

Author : Klarner Dagna

Inst

Title : A Polarographic Analysis of Water Which Has Been Subjected to Ultrasonic Waves.

Orig Pub: Chem. analit., 1957, 2, No 4, 340-344.

Abstract: The effect of ultrasonic, sound waves and also of light upon water was studied polarographically. A polarographic method, in the author's opinion, makes it possible to establish more accurately the other methods and the conditions of hydrogen peroxide and nitric acid formation in the pre-

Card

: 1/2

Katedra Fiz. Ogólnej Politech.

WARSZAWSKIEJ, WARSAW

KLARNER, BOGNA

~~SECRET~~ L.A.

35

PHASE I BOOK EXPLOITATION

10L/1961

Symposium on Electroacoustic Transducers. Krynica, 1958

Proceedings of the Symposium on Electroacoustic Transducers (held in) Krynica, 17-26 September, 1958. Warsaw, Państwowe Wydawnictwo Naukowe, 1961. 442 p. Errata slip inserted. 630 copies printed.

Sponsoring Agency: Polish Academy of Sciences. Institute of Basic Technical Problems.

Ed. in Chief: Janusz Kasprowski, Doctor of Sciences; Editing Committee: Ignacy Malecki, Professor, Doctor of Sciences; Wincenty Fajewski, Doctor; and Jerzy Wehr, Master of Sciences; Secretary: Juliusz Mierzejewski.

PURPOSE: This book is intended for physicists and acoustical engineers.

COVERAGE: The book is a collection of detailed research papers constituting the proceedings of a conference held in Krynica from 17 to 26 September 1958 under the auspices of the Institute of Technical Problems, Polish Academy of Sciences.

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Symposium on Electroacoustic Transducers

POI/5961

The following basic problems are treated: 1) theoretical research on energy transformation processes; 2) experimental development of new types of transducers; 3) electroacoustic measurements; 4) technology of piezoelectric and magnetostrictive materials; 5) construction of transducers for technical needs; and 6) design of acoustical transducer systems. No personalities are mentioned. References (if any) follow the individual articles.

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light of the tasks faced within [sic] the design and construction
of electroacoustic equipment. V. B. Grigor'ev

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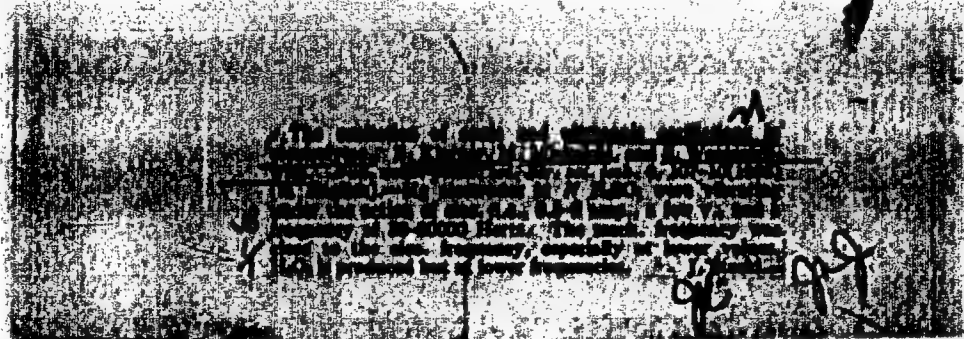
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KLARNER, B.



KLARNER, JANUSZ

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